

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : Ronald A. Katz)
SERIAL NO. : 07/756,956) Examiner
FILED : September 9, 1991) Art Unit
FOR : TELEPHONIC-INTERFACE)
LOTTERY SYSTEM)
DOCKET NO. : 4646-101C3)

POWER OF ATTORNEY BY ASSIGNEE

Commissioner of Patents
and Trademarks
Washington, D. C. 20231

Sir:

I, ALDO TESI, Executive Vice President of FIRST DATA RESOURCES INC., a corporation of the State of Delaware and assignee of the entire right, title and interest in the application for United States Letters Patent entitled TELEPHONIC-INTERFACE LOTTERY SYSTEM and executed September 9, 1991, with inventor RONALD A. KATZ, hereby appoint:

Attorney

Registration No.

Byard G. Nilsson	17,350
Billy A. Robbins	18,313
Lewis M. Dalgarn	20,415
Robert Berliner	20,121
M. John Carson	25,090
Harold E. Wurst	22,183
Michael S. Elkind	28,710
Robert A. Green	28,301
Mark E. Garscia	31,953
John P. Spitals	29,215
Reena Kuyper	33,830

all attorneys and/or registered patent agents of the law firm of Nilsson, Robbins, Dalgarn, Berliner, Carson & Wurst, Fifth Floor, 201 North Figueroa Street, Los Angeles, California

90012-2628, as attorneys of said corporation with full powers of substitution and revocation to prosecute this application and to transact all business in the United States Patent and Trademark Office in connection therewith.

Please send all correspondence to:

B. G. Nilsson
NILSSON, ROBBINS, DALGARN,
BERLINER, CARSON & WURST
201 North Figueroa Street, Fifth Floor
Los Angeles, California 90012-2628
U.S.A.

Telephone (213) 977-1001

FIRST DATA RESOURCES INC.

By: *Aldo Tesi*
Aldo Tesi
Executive Vice President

Attorney Docket No. 4646-101C3

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ronald A. Katz)
Serial No.: 08/306,650) Examiner in parent
Filed: September 14, 1994) case: S. Woo
For: TELEPHONIC-INTERFACE) Art Unit: 2608
LOTTERY SYSTEM)
New Docket No.: 6646-101N5)
(Previous Docket No.: 4646-101N5))

POWER OF ATTORNEY BY ASSIGNEE

Commissioner of Patents
and Trademarks
Washington, D. C. 20231

Sir:

I, Ronald A. Katz, am the President of A2D Corporation, a California corporation, which corporation is a general partner of A2D, L.P., a California limited partnership, which limited partnership is a general partner of RONALD A. KATZ TECHNOLOGY LICENSING, L.P., a California limited partnership and assignee of the entire right, title and interest in the application for United States Letters Patent entitled TELEPHONIC-INTERFACE LOTTERY SYSTEM, and am authorized to sign on its behalf.

The Assignment of this application to RONALD A. KATZ TECHNOLOGY LICENSING, L.P., has been submitted to the Assignment Branch and was received on September 26, 1994.

I have reviewed the foregoing document and hereby certify that, to the best of my knowledge and belief, title to the

subject matter of this patent application is in RONALD A. KATZ
TECHNOLOGY LICENSING, L.P.

I hereby appoint: Byard G. Nilsson, Reg. No. 17,350, Harold
E. Wurst, Reg. No. 22,183, Robert A. Green, Reg. No. 28,301, Anne
Wang, Reg. No. 36,045, all members of the bar of one or more
states, Reena Kuyper, Patent Agent, Reg. No. 33,830, all of the
law firm of Nilsson, Wurst & Green, 707 Wilshire Blvd., 32nd
Floor, Los Angeles, California 90017; and Thomas J. Lannon,
Registration No. 18,417, 105 Whittier St., NW, Washington, DC
20012, to prosecute this application and to transact all business
in the United States Patent and Trademark Office in connection
therewith.

Please send all correspondence to:

NILSSON, WURST & GREEN
707 Wilshire Blvd., 32nd Floor
Los Angeles, California 90017
U.S.A.

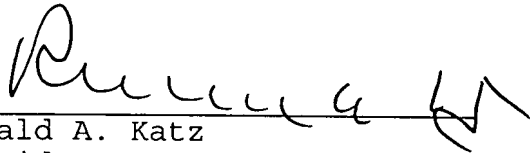
Telephone (213) 243-8000

RONALD A. KATZ TECHNOLOGY
LICENSING, L.P., a California limited
partnership,

By: A2D, L.P., a California limited
partnership, its general partner

By: A2D Corporation, a California
corporation, its general partner

By:


Ronald A. Katz
President,
A2D Corporation

Attorney Docket No. 6646-101N5

6646\101N5.poa

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Group Art Unit: 2605
Ronald A. Katz)	Examiner: S. Woo
Serial No. 08/306,650)	
Filed: September 14, 1994)	
For: TELEPHONIC-INTERFACE LOTTERY SYSTEM)	
Dkt. No.: 228/052)	
(previous dkt. nos. 9002-1B680US4 and 6646-101N5))	

REVOCATION AND GRANT OF POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

All powers of attorney granted before are revoked.

I, Ronald A. Katz, am the president of A2D Corporation, a California corporation, which corporation is a general partner of A2D, L.P. a California limited partnership, which limited partnership is a general partner of RONALD A. KATZ TECHNOLOGY LICENSING, L.P., a California limited partnership, the assignee owning all of the interest in this application, and by virtue of the foregoing relationships I execute this document on its behalf to appoint as its attorneys and representatives, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office

connected with it, David B. Murphy, Reg. No. 31,125, and Reena Kuyper, Reg. No. 33,830 (registered patent agent); and

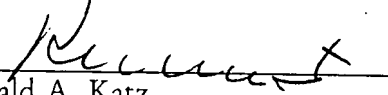
Roland N. Smoot, Reg. No. 18,718; Conrad R. Solum, Jr., Reg. No. 20,467; James W. Geriak, Reg. No. 20,233; Robert M. Taylor, Jr., Reg. No. 19,848; Samuel B. Stone, Reg. No. 19,297; Douglas E. Olson, Reg. No. 22,798; Robert E. Lyon, Reg. No. 24,171; Robert C. Weiss, Reg. No. 24,939; Richard E. Lyon, Jr., Reg. No. 26,300; John D. McConaghy, Reg. No. 26,773; William C. Steffin, Reg. No. 26,811; Coe A. Bloomberg, Reg. No. 26,605; J. Donald McCarthy, Reg. No. 25,119; John M. Benassi, Reg. No. 27,483; James H. Shalek, Reg. No. 29,749; Allan W. Jansen, Reg. No. 29,395; Robert W. Dickerson, Reg. No. 29,914; Roy L. Anderson, Reg. No. 30,240; David Murphy, Reg. No. 31,125; James C. Brooks, Reg. No. 29,898; Jeffrey M. Olson, Reg. No. 30,790; Steven D. Hemminger, Reg. No. 30,755; Jerrold B. Reilly, Reg. No. 32,293; Paul H. Meier, Reg. No. 32,274; John A. Rafter, Jr., Reg. No. 31,653; Kenneth H. Ohriner, Reg. No. 31,646; Mary S. Consalvi, Reg. No. 32,212; Lois M. Kwasigroch, Reg. No. 35,579; Robert C. Laurenson, Reg. No. 34,206; Carol A. Schneider, Reg. No. 34,923; Hope E. Melville, Reg. No. 34,874; Michael J. Wise, Reg. No. 34,047; and Richard J. Warburg, Reg. No. 32,327;

all of LYON & LYON, First Interstate World Center, 633 West Fifth Street, Suite 4700, Los Angeles, California 90071-2066, telephone: (213) 489-1600.

The Assignment of this application to RONALD A. KATZ TECHNOLOGY LICENSING, L.P., was recorded on September 26, 1994, on Reel 7133, Frames 95-100.

Also, I have reviewed the assignment documents and hereby certify that, to the best of my knowledge and belief, title to the subject matter of this application is with

RONALD A. KATZ TECHNOLOGY LICENSING, L.P.

Date: 9/18/97 By: 
Ronald A. Katz
President
A2D Corporation

A S S I G N M E N T

WHEREAS, I, RONALD A. KATZ, residing at 570 South Mapleton Drive, Los Angeles, California 90024, have invented a new and useful TELEPHONIC-INTERFACE LOTTERY SYSTEM for which I have this day executed application papers for United States Letters Patent thereon, said application being identified as Docket No. 4646-101C3 of the law firm of Nilsson, Robbins, Dalgarn, Berliner, Carson & Wurst; and

WHEREAS, FIRST DATA RESOURCES INC., a Delaware corporation, having its principal place of business at 10825 Farnum Drive, Omaha, Nebraska 68154, is desirous of acquiring the entire and exclusive right, title and interest in and to the said invention in the United States and throughout the world, and in and to any Letters Patent which may be granted and issued therefor;

NOW, THEREFORE, for the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I the said RONALD A. KATZ, by these presents do hereby sell, assign, transfer and set over unto the said FIRST DATA RESOURCES INC., its successors and assigns, the entire and exclusive right, title and interest in and to said invention, in the United States and throughout the world, and in and to any Letters Patent which may be granted and issued therefor, and in and to any continuations, divisions, reissues and extensions of said Letters Patent and all interna-

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tional priority rights associated therewith; and I further agree to sign all papers and perform all acts, without any further consideration but at no cost or expense to me, as said FIRST DATA RESOURCES INC. may deem necessary to make this Assignment fully effective, including the execution of any and all original, reissue, divisional and continuing United States and foreign patent applications.

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue the said United States Letters Patent to said FIRST DATA RESOURCES INC., its successors and assigns.

Ronald A. Katz
Ronald A. Katz

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) SS

On this 9th day of September, 1991, before me, a Notary Public, personally appeared RONALD A. KATZ, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.



Patricia F. Wesolik
Notary Public